

**FORM
INSP**Rev
X/20**State of Colorado
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

03/15/2023

Submitted Date:

03/17/2023

Document Number:

708200060

FIELD INSPECTION FORMLoc ID 455365 Inspector Name: Edwardson, Dylan On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**

OGCC Operator Number: 10670

Name of Operator: MALLARD EXPLORATION LLC

Address: 1400 16TH STREET SUITE 300

City: DENVER State: CO Zip: 80202

Status Summary:

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:

7 Number of Comments

1 Number of Corrective Actions

- ☒ Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
GARZA, TARAH		tgarza@bisonog.com	
GILLEN, KATIE		kgillen@bisonog.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
455365	LOCATION	AC			-	Shoveler Pad	RI
455379	WELL	PR	12/24/2020	OW	123-47027	Shoveler Goldeneye Fed 21-16-1HN	RI
455380	WELL	PR	12/26/2020	OW	123-47028	Shoveler Fed 29-30-1HN	RI
455381	WELL	PR	12/24/2020	OW	123-47029	Shoveler Hunt Fed 19-24-16HN	RI

General Comment:

This is an Interim Reclamation and Stormwater Inspection for Location ID (455365). This is also a follow-up inspection to FIR (Doc #708200026). Any corrective actions identified in previous inspections that have not been completed are still applicable.

LocationOverall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	TRASH		
Comment:	Trash and debris was observed in the southeast corner of the location. Refer to attached inspection photos for documentation.		
Corrective Action:	Comply with Rule 606 and remove all debris and trash.		Date: 03/24/2023

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	<u>455365</u>	Type:	<u>LOCATION</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>455379</u>	Type:	<u>WELL</u>	API Number:	<u>123-47027</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>455380</u>	Type:	<u>WELL</u>	API Number:	<u>123-47028</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>455381</u>	Type:	<u>WELL</u>	API Number:	<u>123-47029</u>	Status:	<u>PR</u>	Insp. Status:	<u>RI</u>

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION In _____

Comment _____

Topsoil from the interim areas was in the process of being salvaged and stored in the northeast corner of the location in compliance with Rule 1002.b. A follow-up inspection will be conducted at a later date to ensure all topsoil is salvaged within the new disturbance area.

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS In Process _____

Comment _____

Portions of the topsoil stockpile have evidence of equipment tracking for short term stabilization, though salvage operations are still ongoing. Operator shall implement long-term stabilization BMPs (i.e., seeding when appropriate) when stabilizing all stockpiles to ensure compliance under Rule 1002.c.

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____

Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATIONCropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment At the time of this inspection it appeared the Operator was in the process of expanding the pad in preparation of drilling additional wells. Previous inspection (Doc #708200026) documented that interim reclamation areas did not comply with Rule 1003 due to vegetation assessments. However, any areas not needed to subsequent drilling operations will need to comply with Rule 1003. Operator shall comply with interim reclamation timing requirements.

Corrective Action _____ Date _____

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: RANGELAND

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: _____

Corrective Action: <input style="width: 60%;" type="text"/>						Date: <input style="width: 20%;" type="text"/>	
Overall Final Reclamation <input type="checkbox"/>			Well Release on Active Location <input type="checkbox"/>		Multi-Well Location <input type="checkbox"/>		
Storm Water:							
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Comment:		<p>Previously identified stormwater issues (Doc #708200026) are not being considered at this time as the pad is in the process of being expanded for additional drilling operations. Temporary BMPs have been installed (ditch and berm) around the entire perimeter during the construction phase of the location. More permanent BMPs should be installed upon the completion of pad construction. A follow-up stormwater inspection will be conducted at a future date to ensure compliance with Rule 1002.f. standards. Refer to the COGCC Comments section for additional stormwater compliance information.</p>					
Corrective Action:		<input style="width: 100%;" type="text"/>					Date: <input style="width: 20%;" type="text"/>
Pits: <input type="checkbox"/> NO SURFACE INDICATION OF PIT							

COGCC Comments		
Comment	User	Date
Per Rule 1002.f., oil and gas operators shall implement and maintain Best Management Practices (BMPs) at all oil and gas locations to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. BMPs shall be maintained until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004. Operators shall employ BMPs, as necessary to comply with this rule, at all oil and gas locations, including, but not limited to, well pads, soil stock piles, access roads, tank batteries, compressor stations, and pipeline rights of way. BMPs shall be selected based on site specific conditions, such as slope, vegetation cover, and proximity to water bodies, and may include maintaining in-place some or all of the BMPs installed during the construction phase of the facility. Where applicable based on site-specific conditions, operators shall implement BMPs in accordance with good engineering practices.	edwardsond	03/17/2023

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
708200061	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6054955